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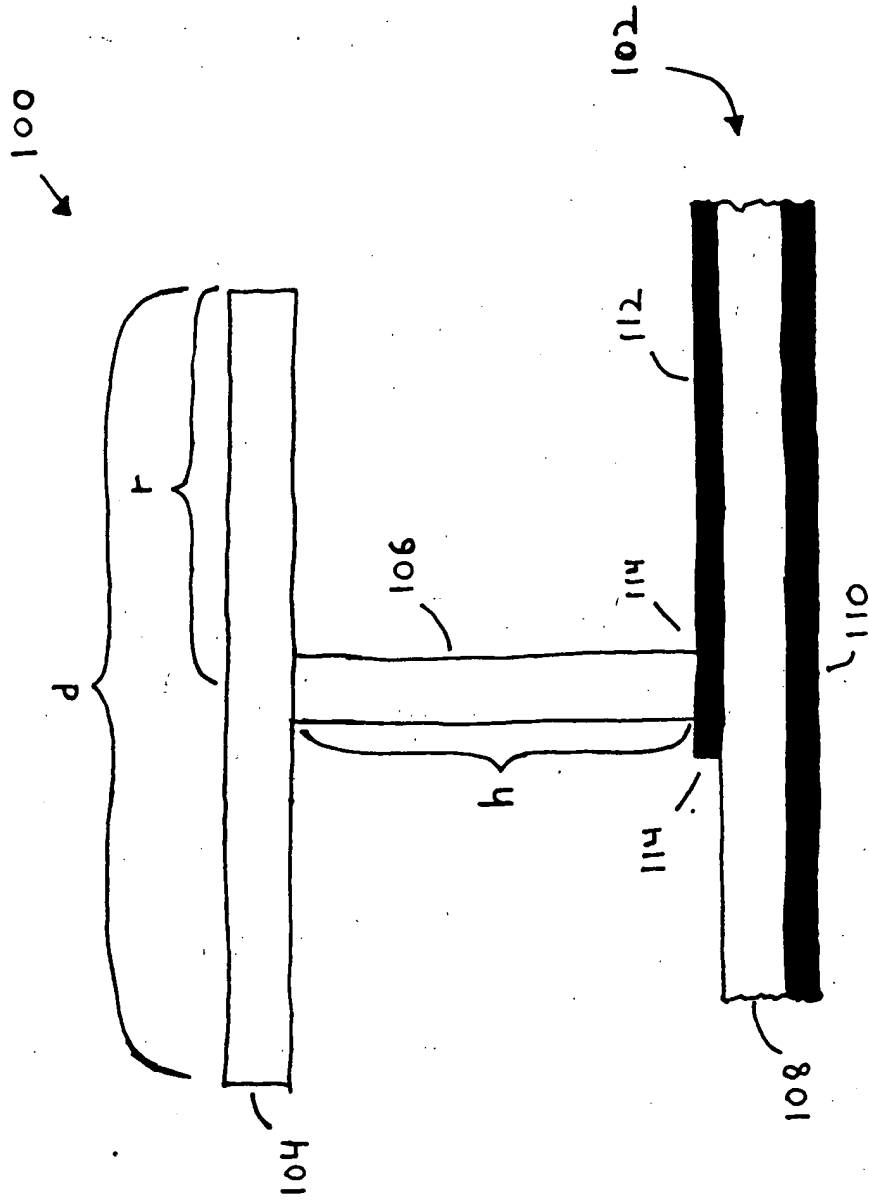


FIG. 1 PRIOR ART

FIG. 2

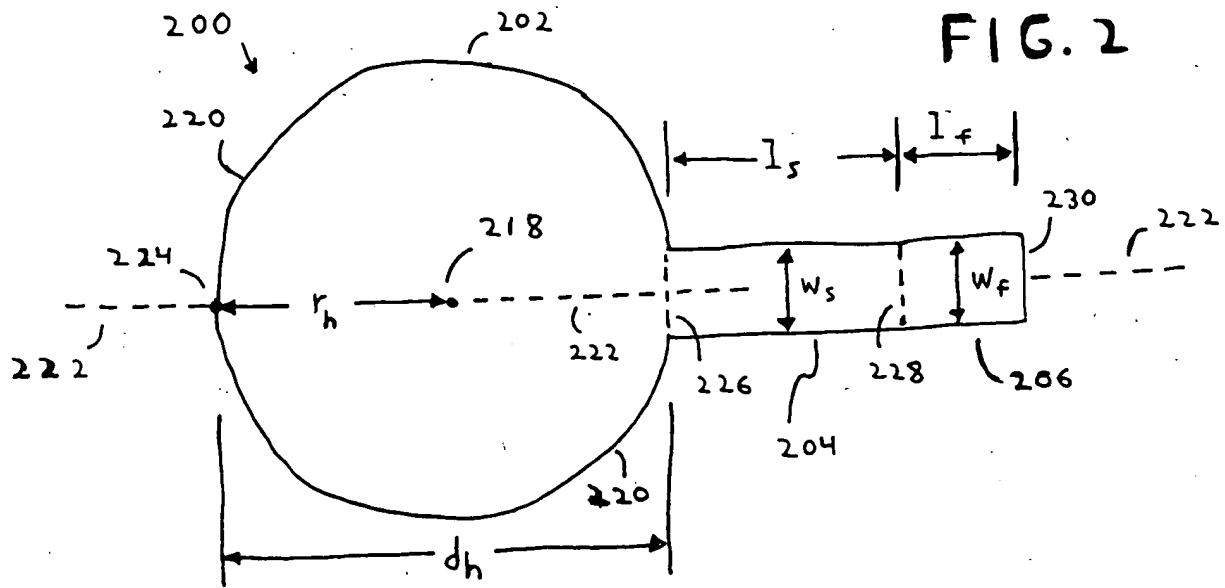
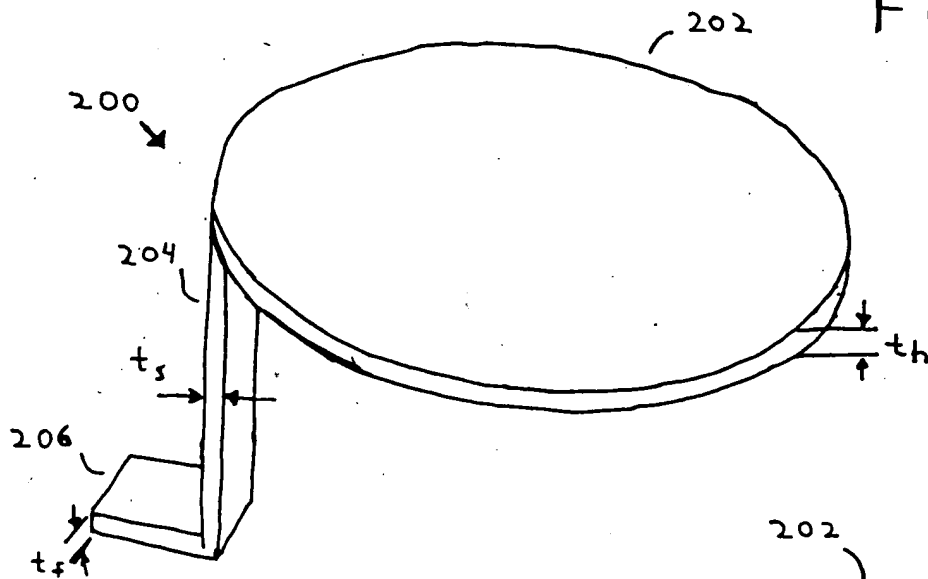
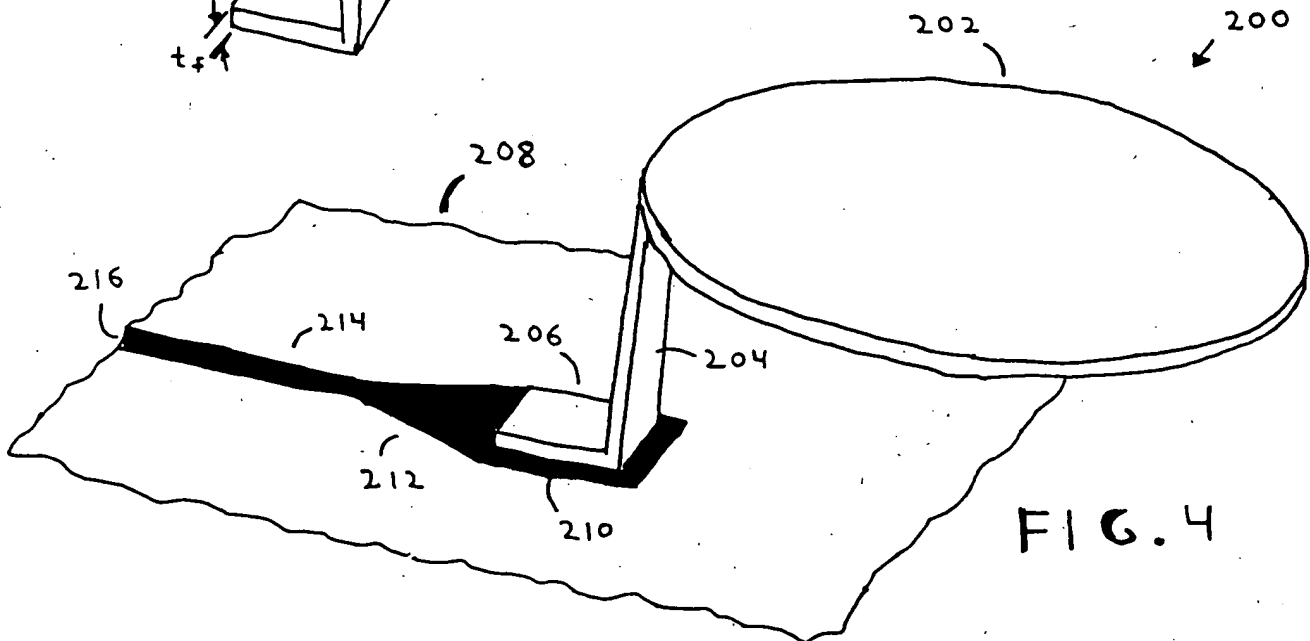


FIG. 3



F16.4



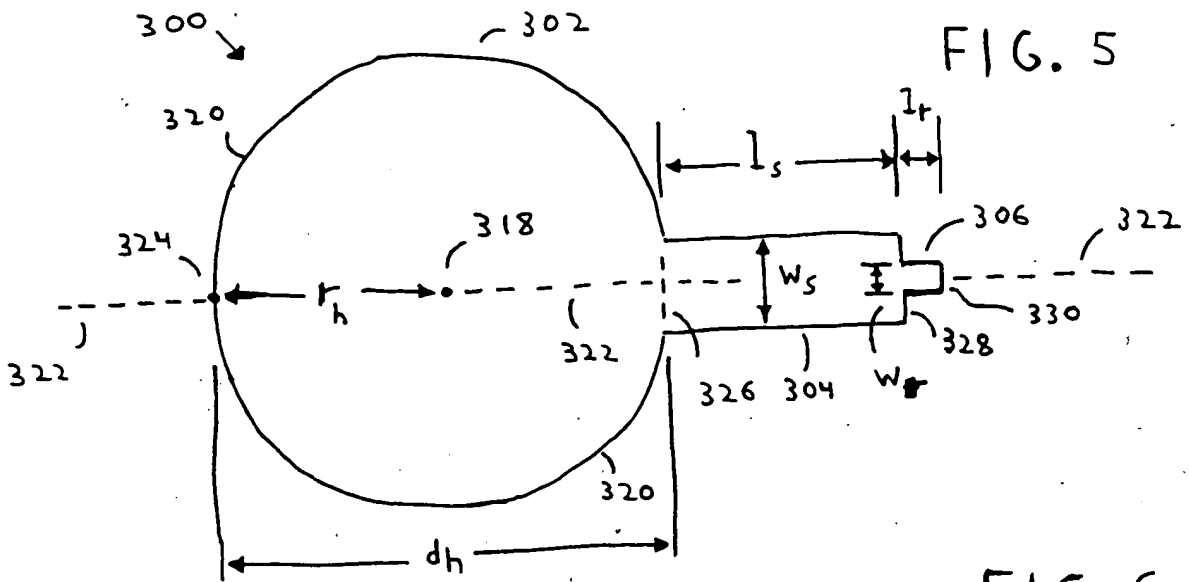
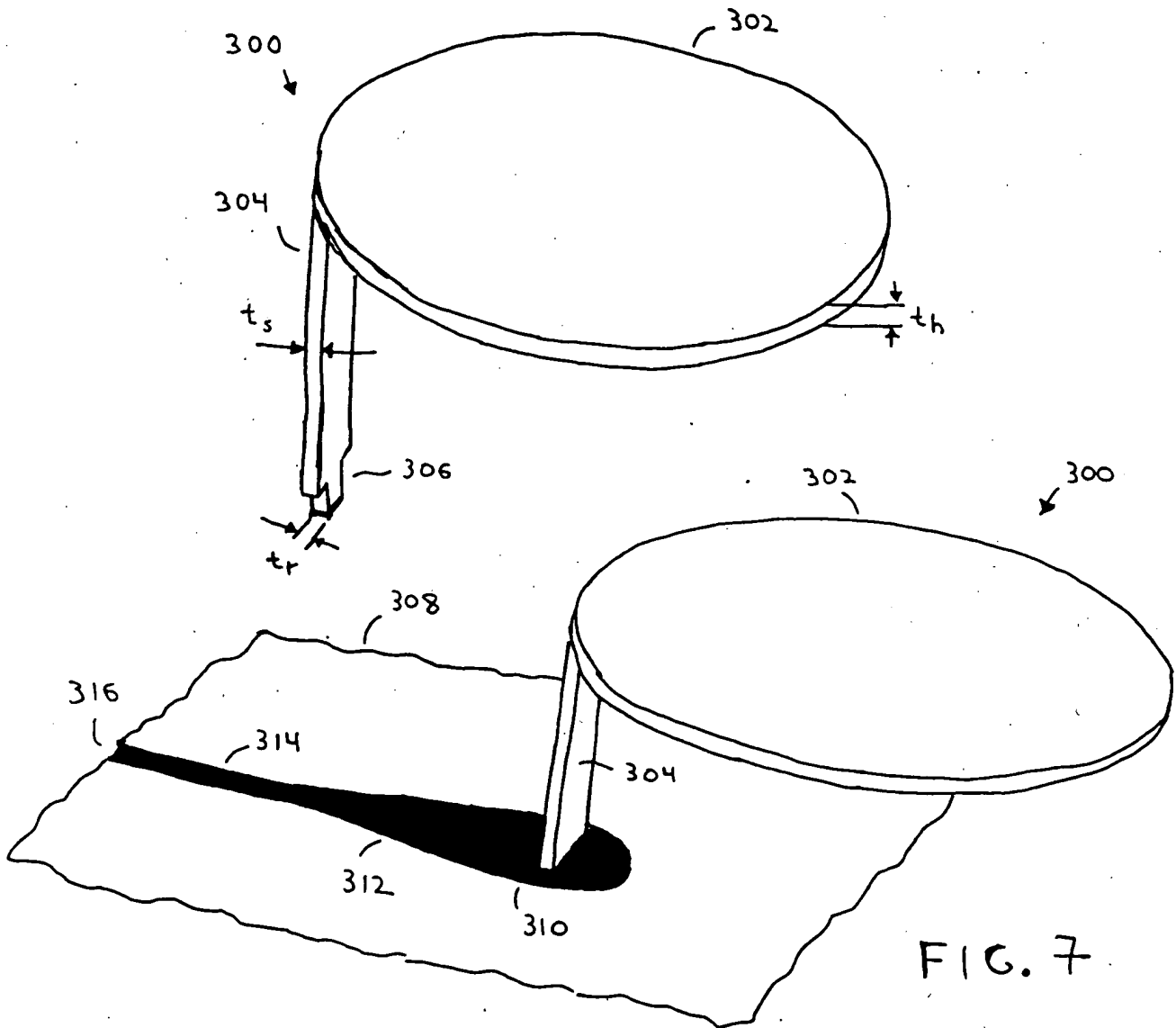
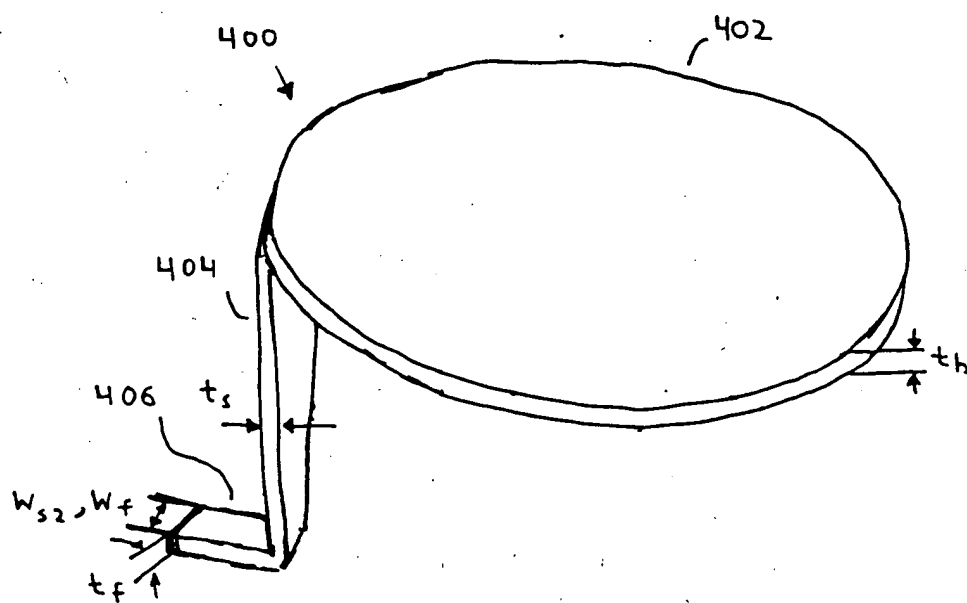
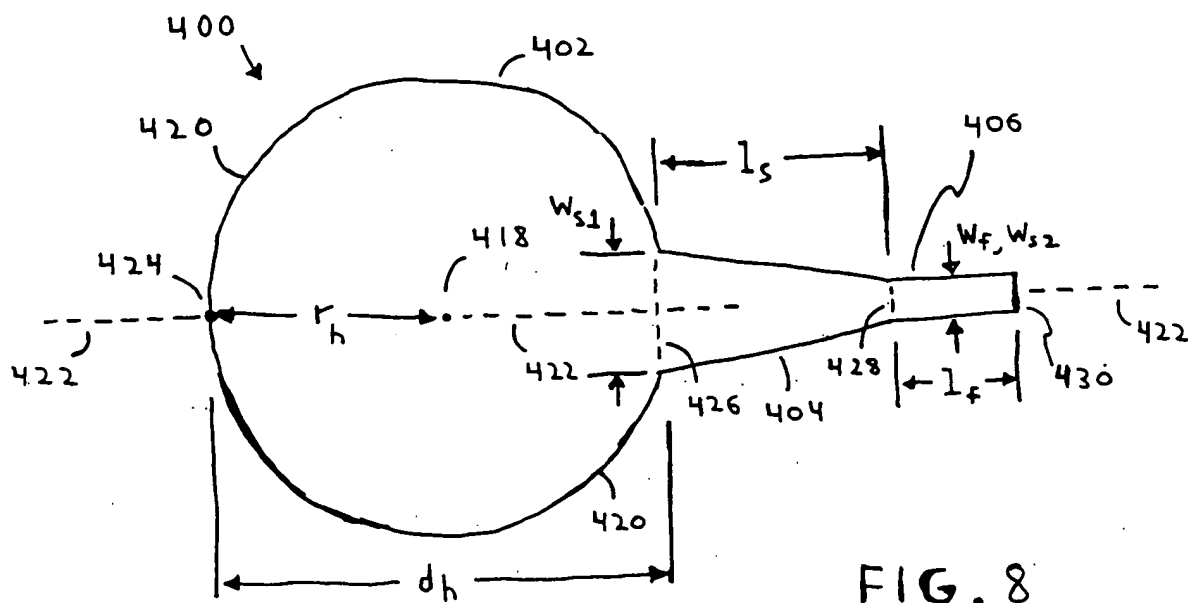


FIG. 6





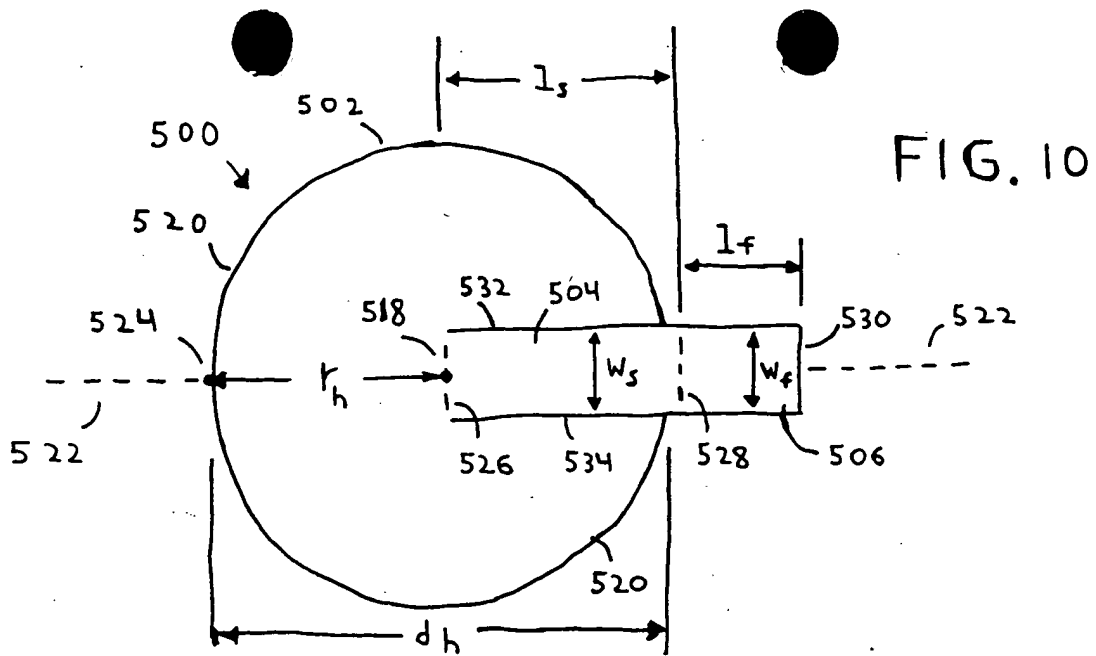
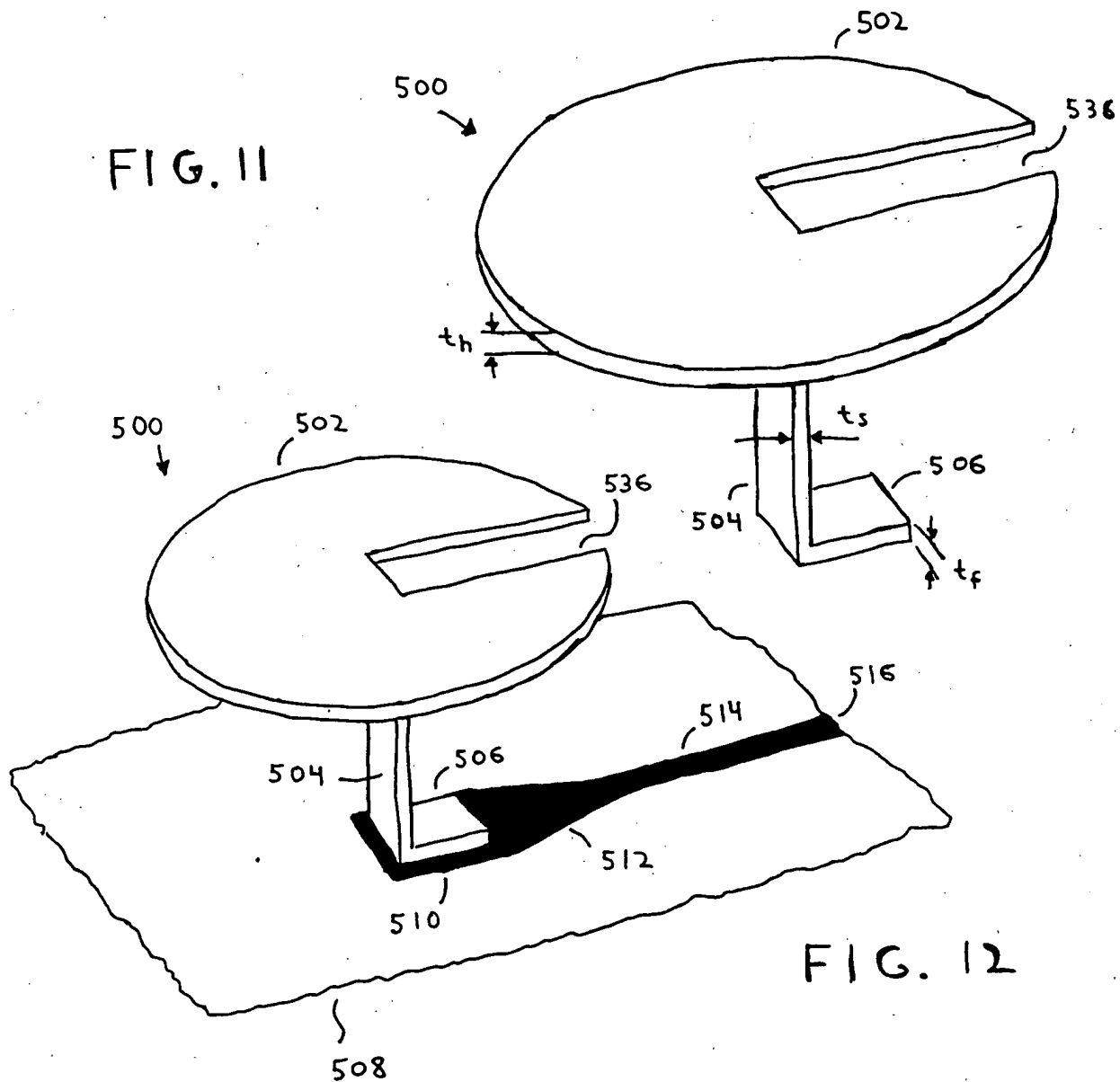


FIG. 11



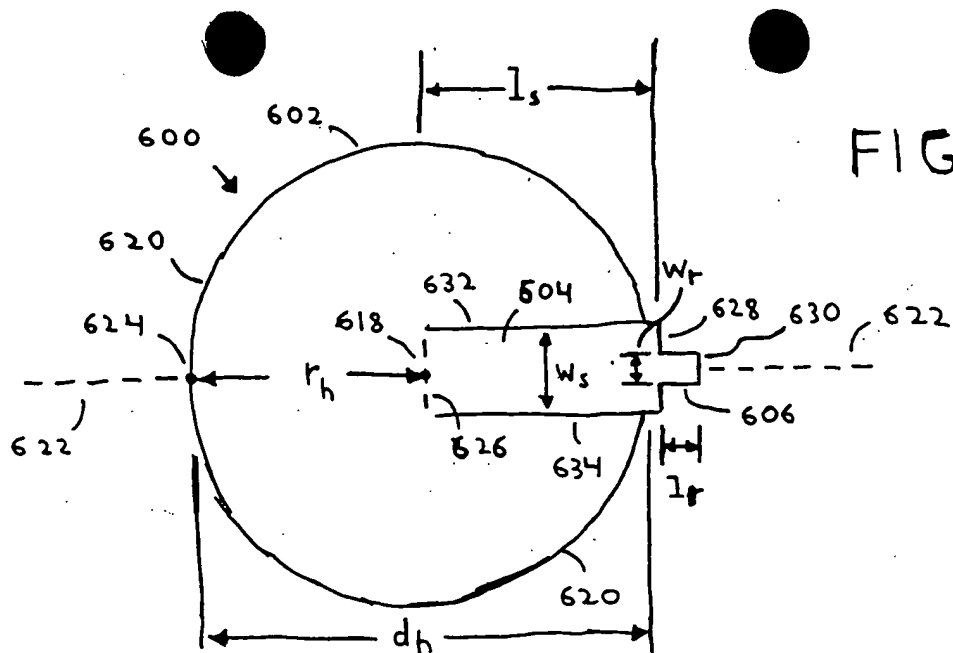


FIG. 13

FIG. 14

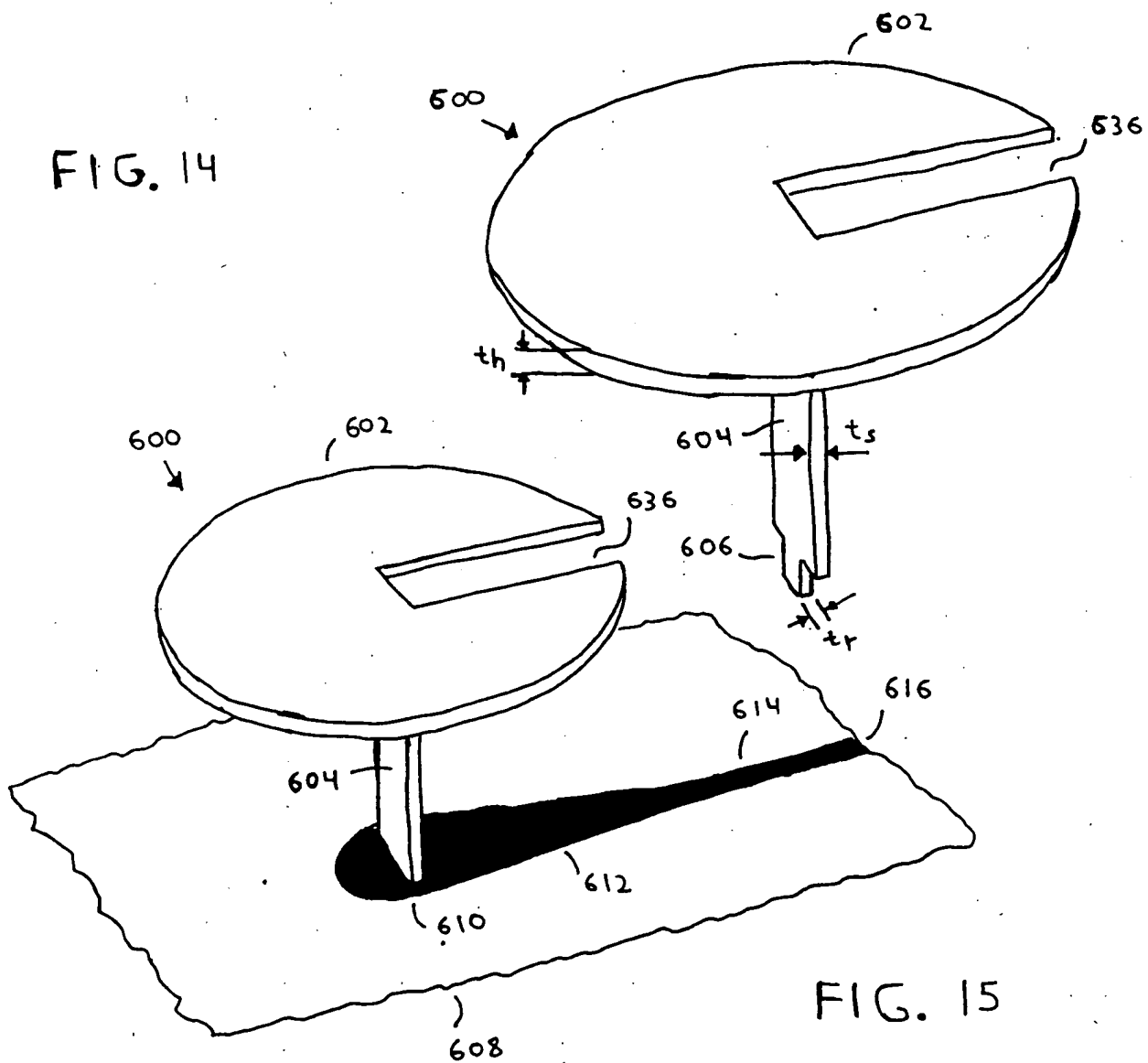


FIG. 15

[illegible]

FIG. 17

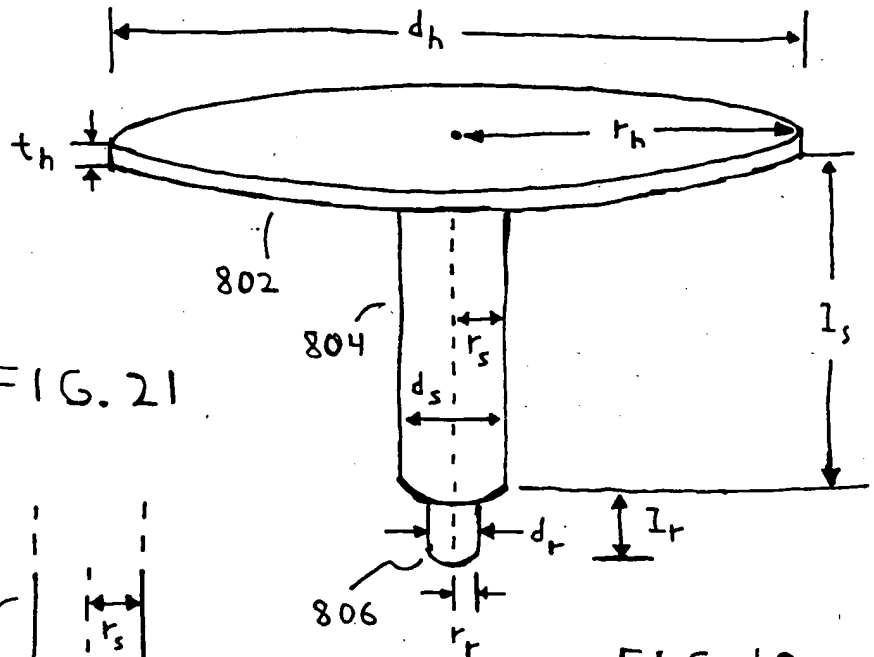
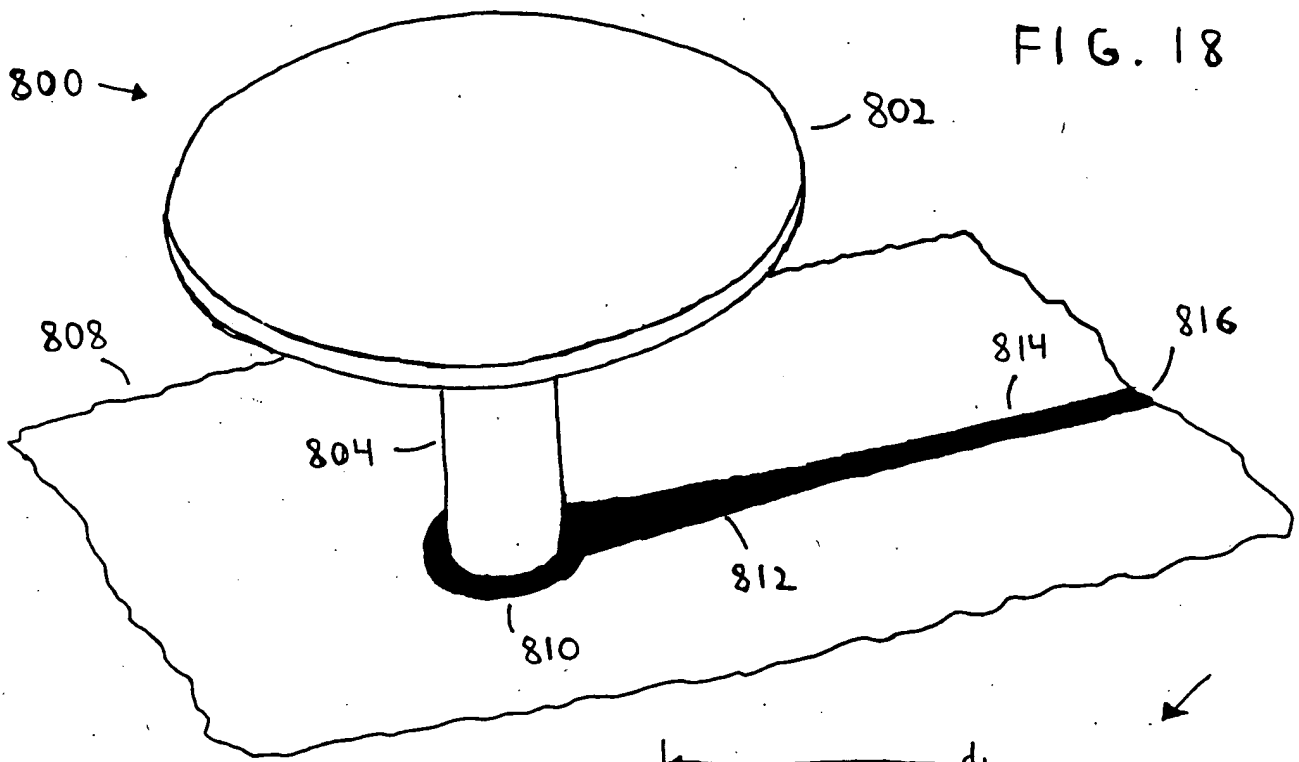


FIG. 19

FIG. 20

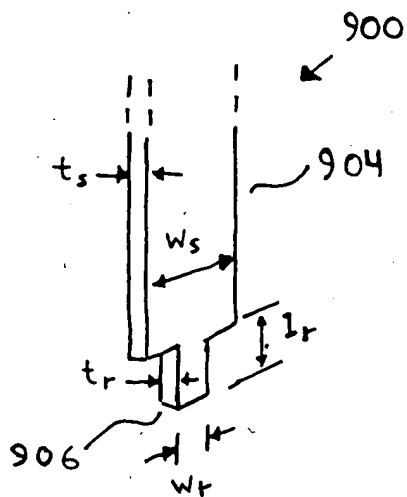
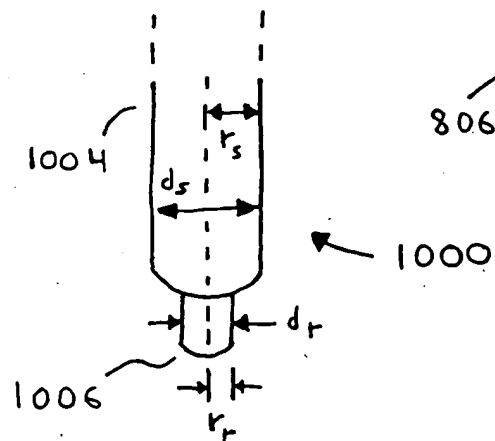


FIG. 21



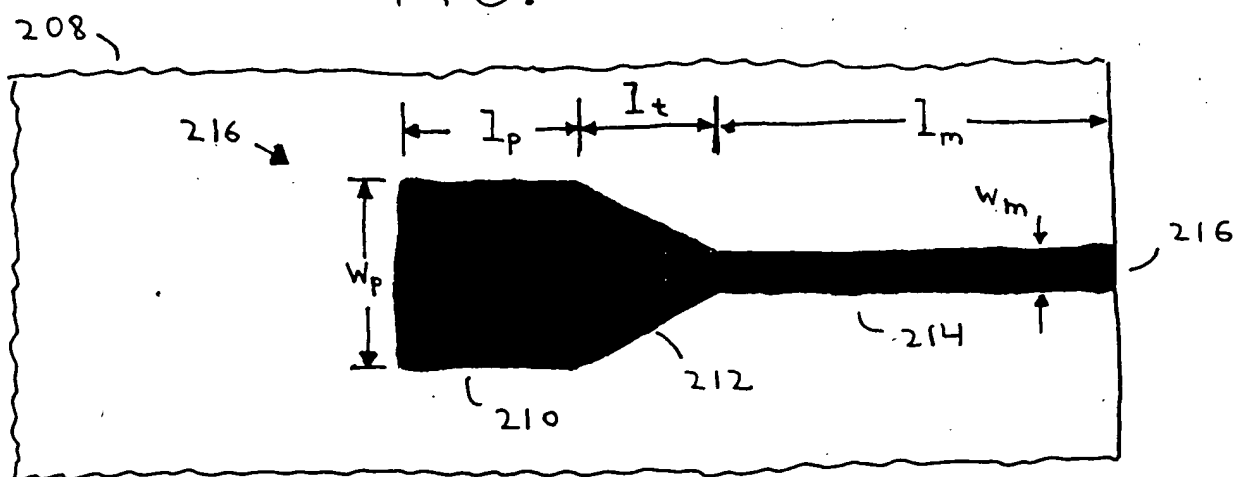
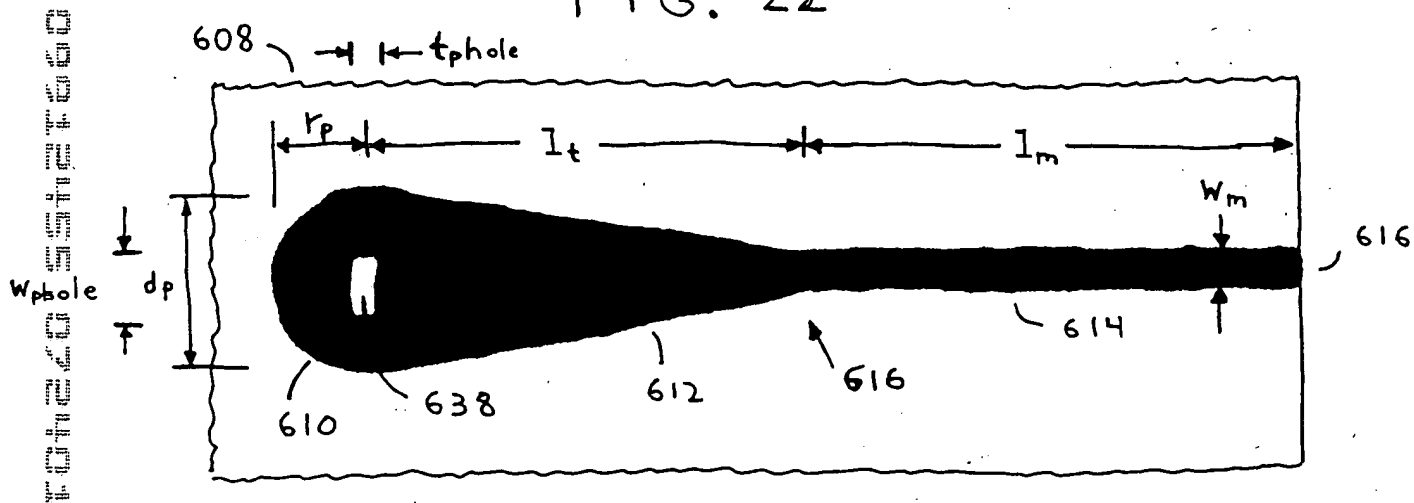
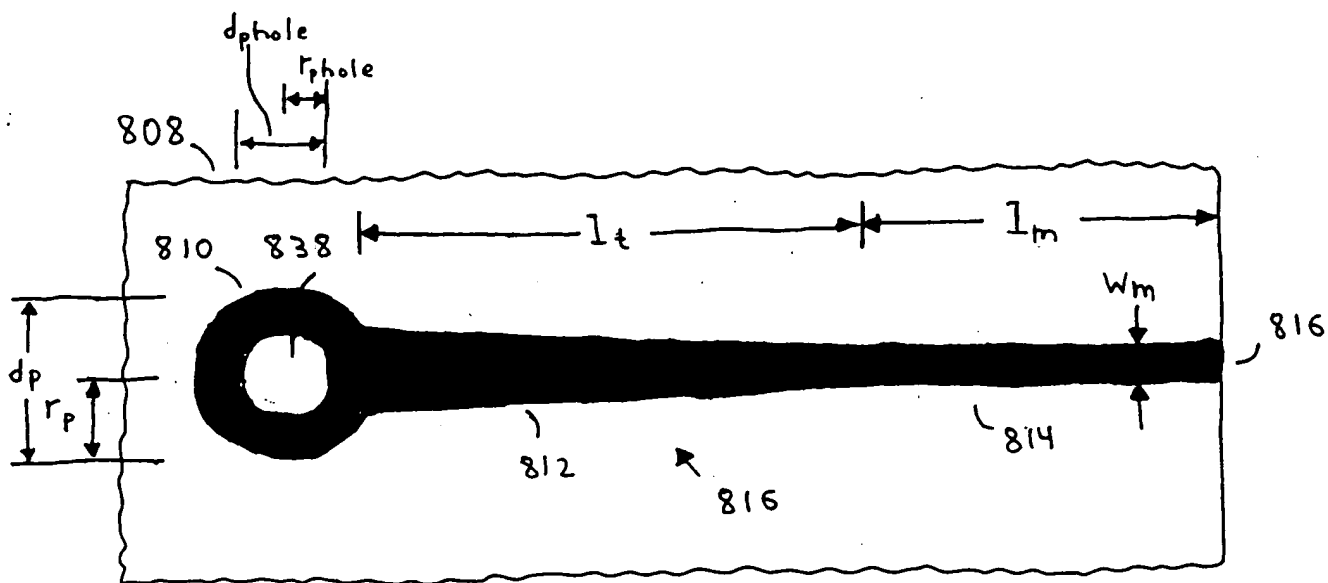
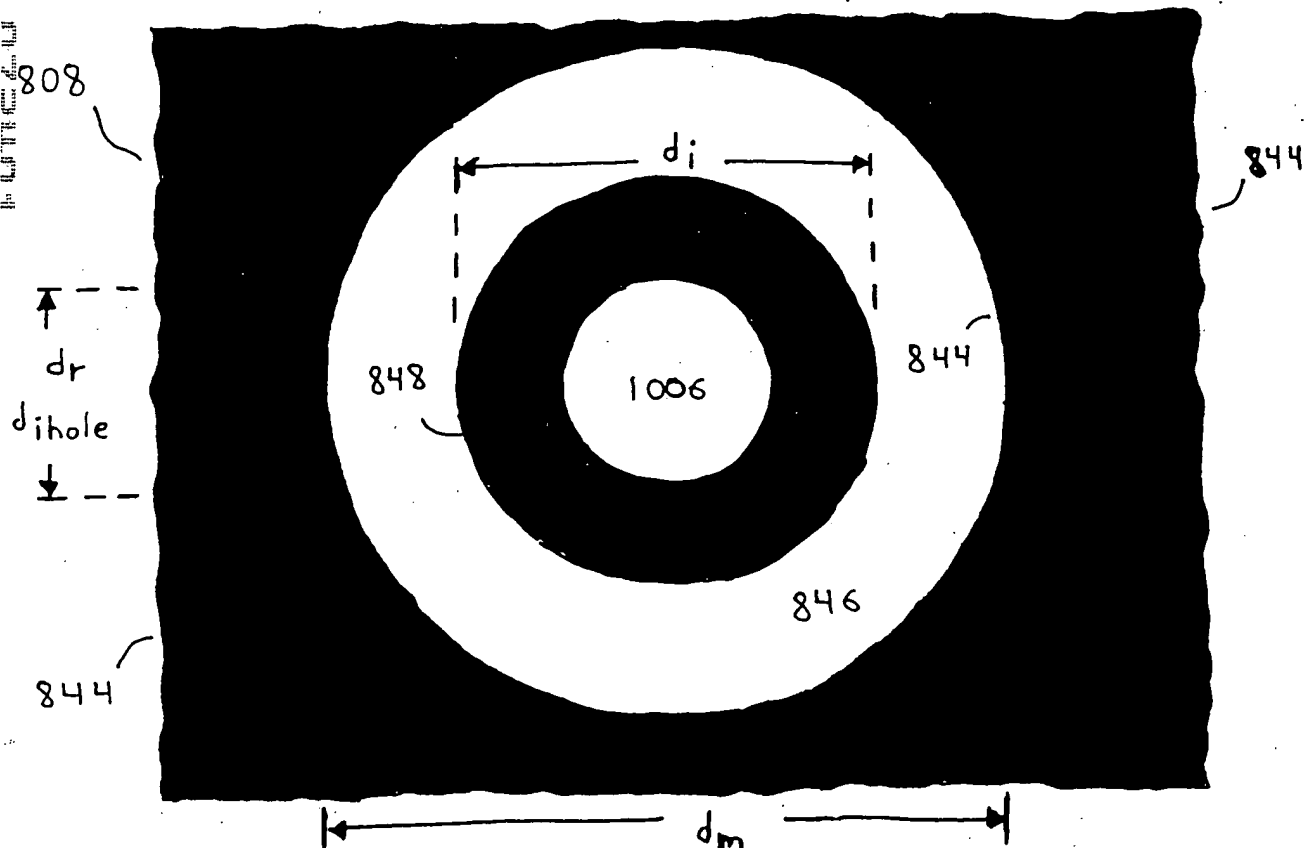


FIG. 25

Ship	Lat	Long	Time	Wind	Sea	Temp	Bar	Remarks
U.S.S. Albatross	34° 15' N	122° 15' W	10:00	SE 10	3	65	30.1	Under way
U.S.S. Albatross	34° 15' N	122° 15' W	11:00	SE 10	3	65	30.1	Under way
U.S.S. Albatross	34° 15' N	122° 15' W	12:00	SE 10	3	65	30.1	Under way
U.S.S. Albatross	34° 15' N	122° 15' W	13:00	SE 10	3	65	30.1	Under way
U.S.S. Albatross	34° 15' N	122° 15' W	14:00	SE 10	3	65	30.1	Under way
U.S.S. Albatross	34° 15' N	122° 15' W	15:00	SE 10	3	65	30.1	Under way
U.S.S. Albatross	34° 15' N	122° 15' W	16:00	SE 10	3	65	30.1	Under way
U.S.S. Albatross	34° 15' N	122° 15' W	17:00	SE 10	3	65	30.1	Under way
U.S.S. Albatross	34° 15' N	122° 15' W	18:00	SE 10	3	65	30.1	Under way
U.S.S. Albatross	34° 15' N	122° 15' W	19:00	SE 10	3	65	30.1	Under way
U.S.S. Albatross	34° 15' N	122° 15' W	20:00	SE 10	3	65	30.1	Under way
U.S.S. Albatross	34° 15' N	122° 15' W	21:00	SE 10	3	65	30.1	Under way
U.S.S. Albatross	34° 15' N	122° 15' W	22:00	SE 10	3	65	30.1	Under way
U.S.S. Albatross	34° 15' N	122° 15' W	23:00	SE 10	3	65	30.1	Under way



Input Impedance

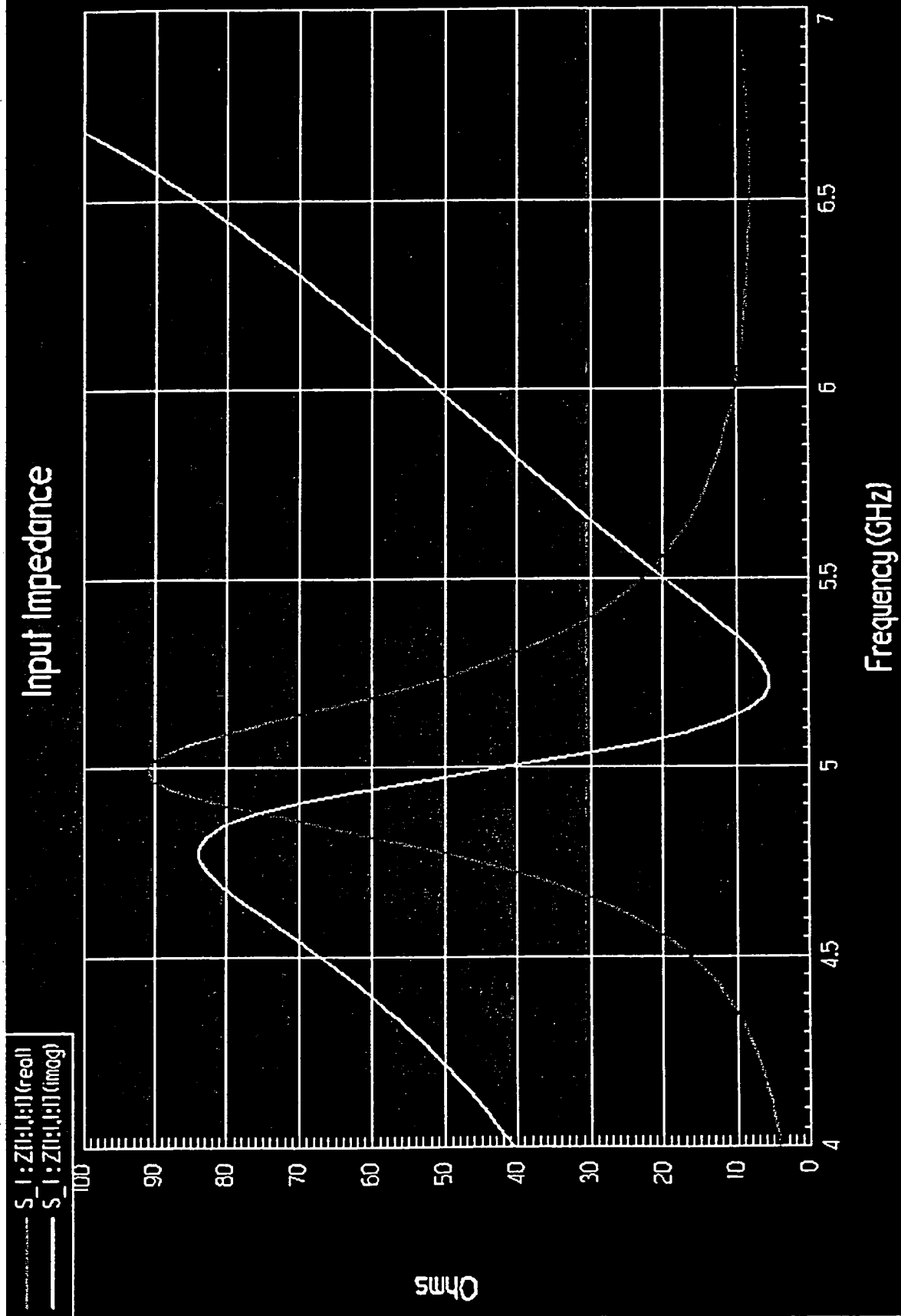


FIG. 28

50 ohm VSWR

S_{11} (mag)

VSWR

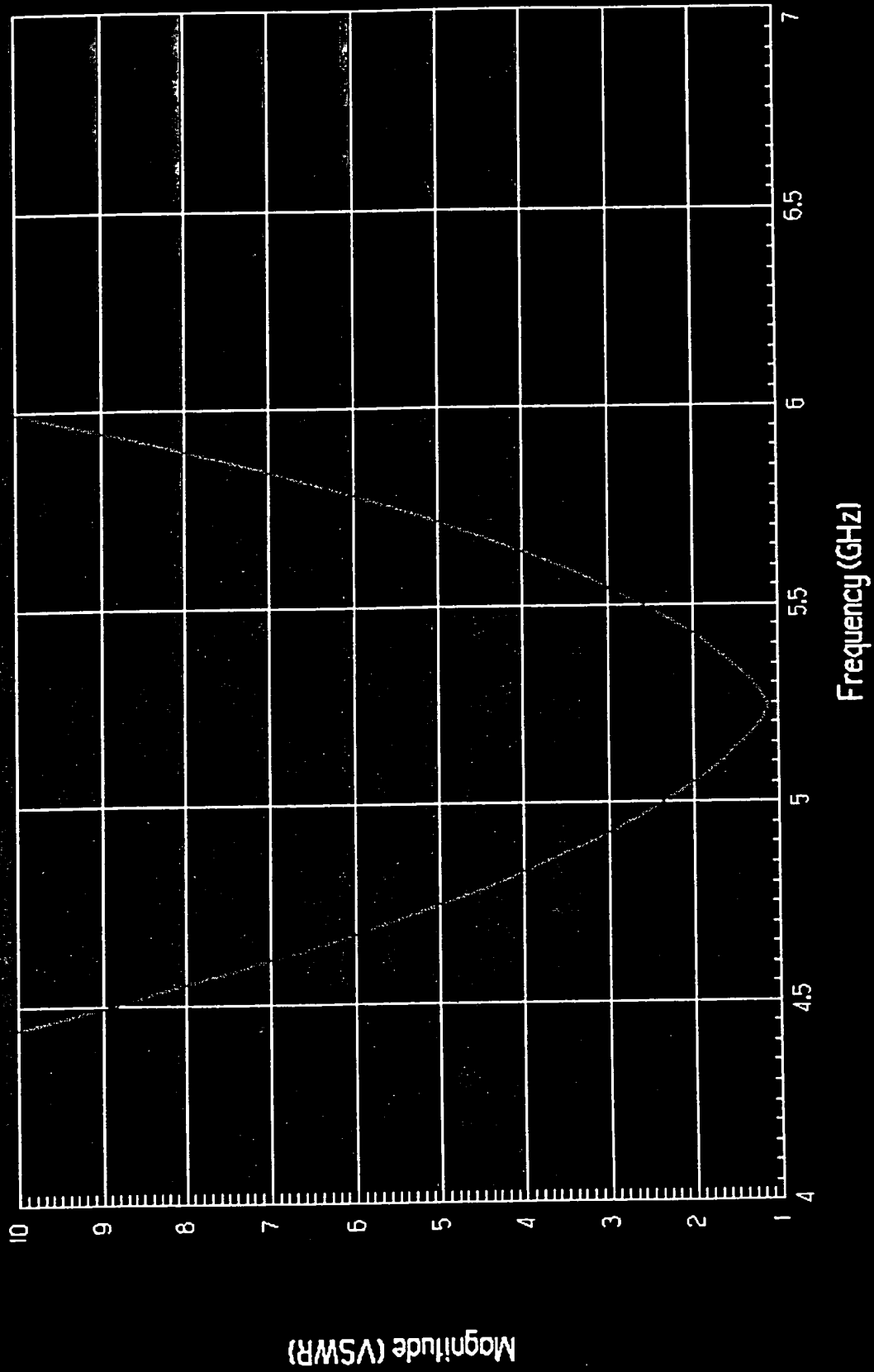


FIG. 29

50 ohm VSWR

S₁₁:S₁₁(mag)

VSWR

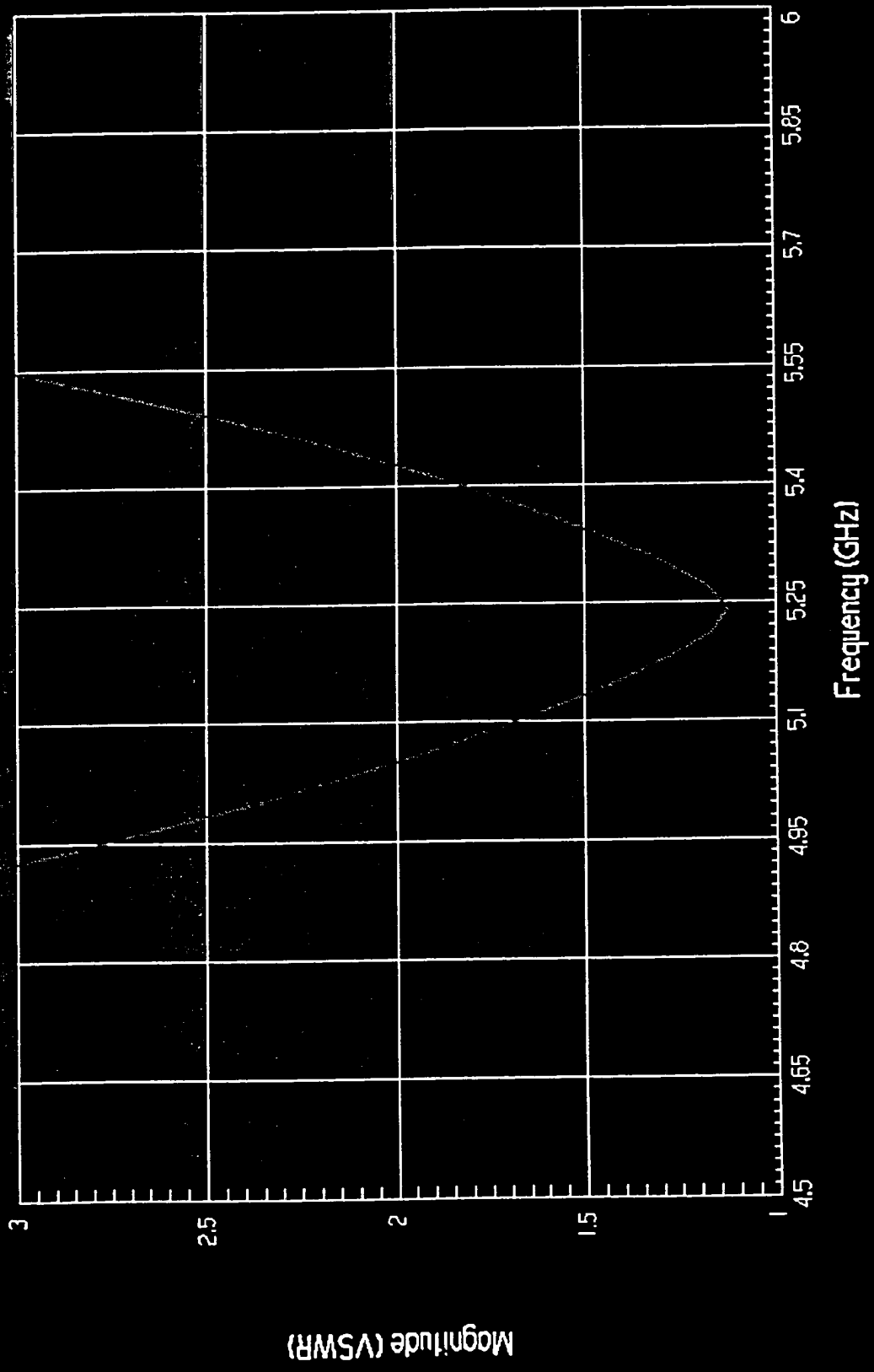


FIG. 30

Input Impedance

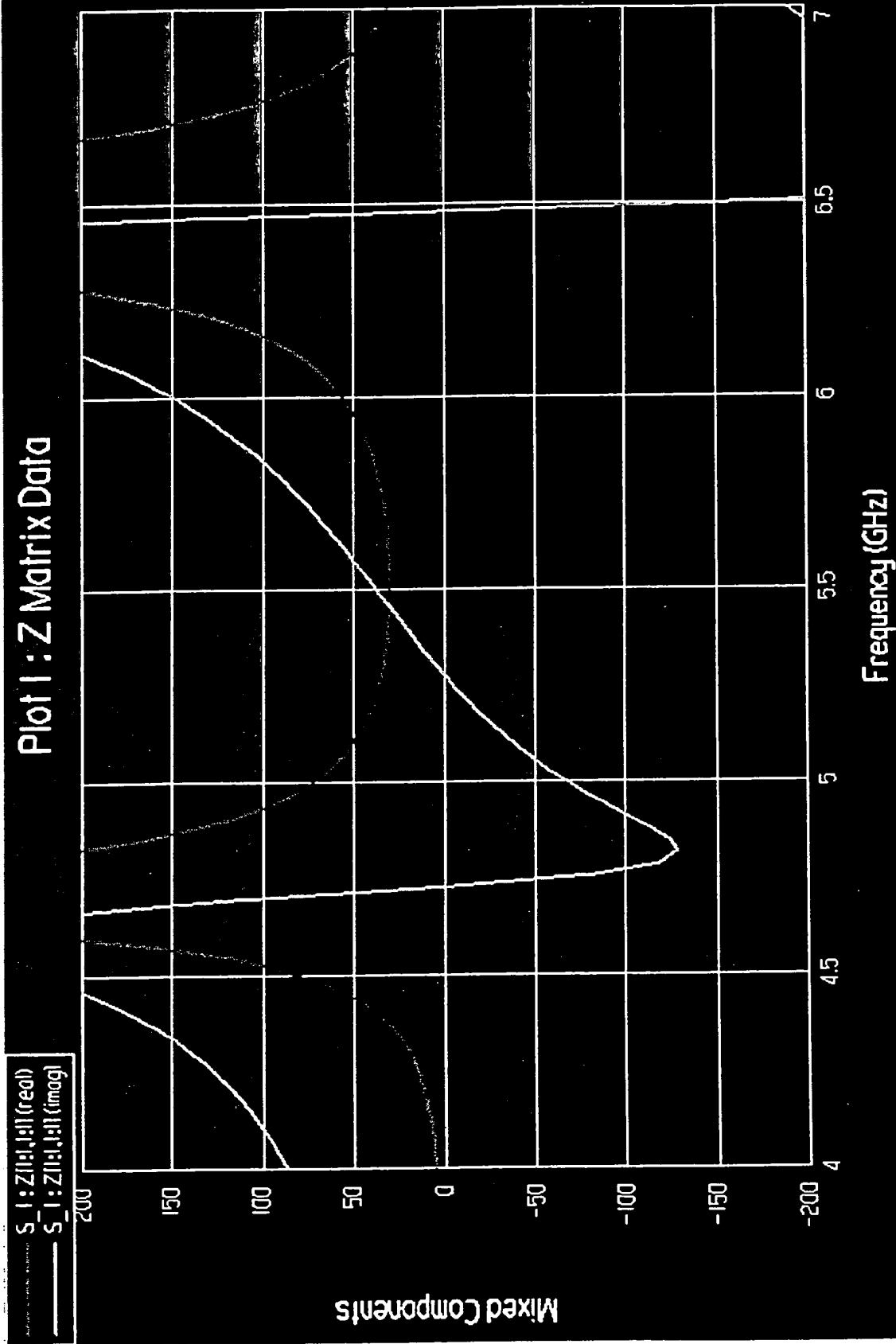


FIG. 31

50 ohm VSWR

S11: S11:1:1 (mag)

VSWR

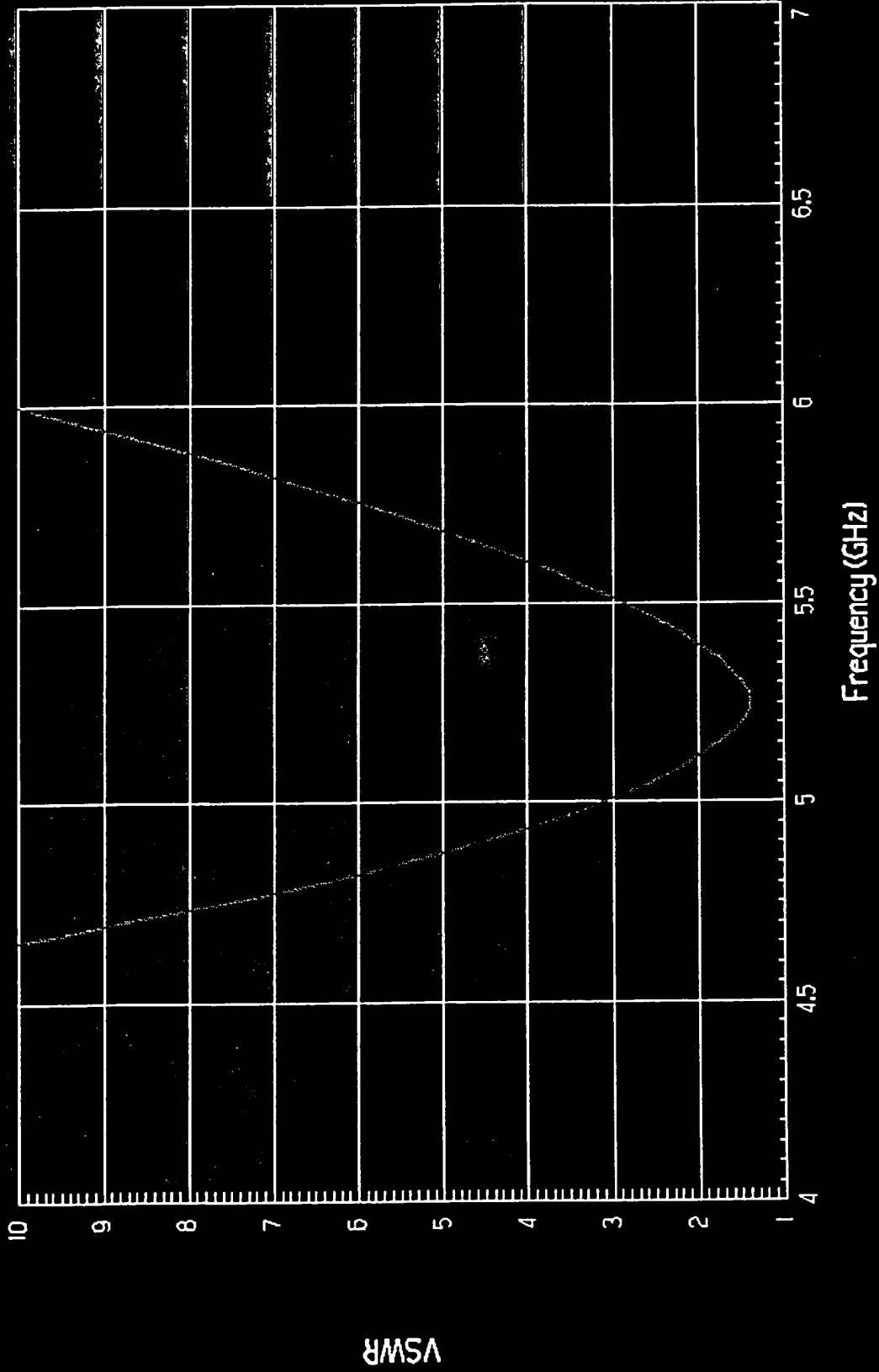


FIG. 32

50 ohm VSWR

5:STAT(mag)

VSWR

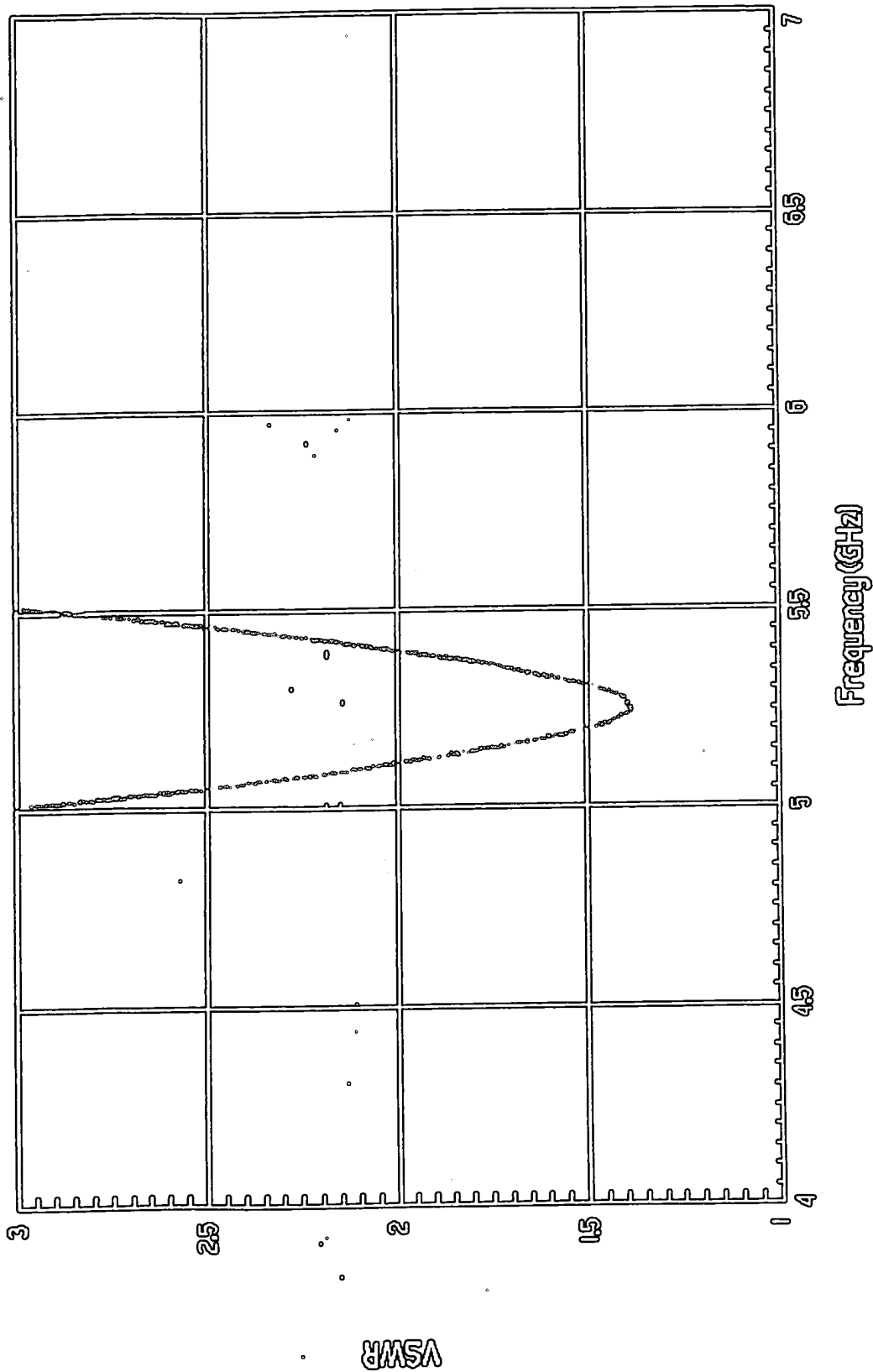


FIG. 33

Top Hat Monopole

Input Impedance

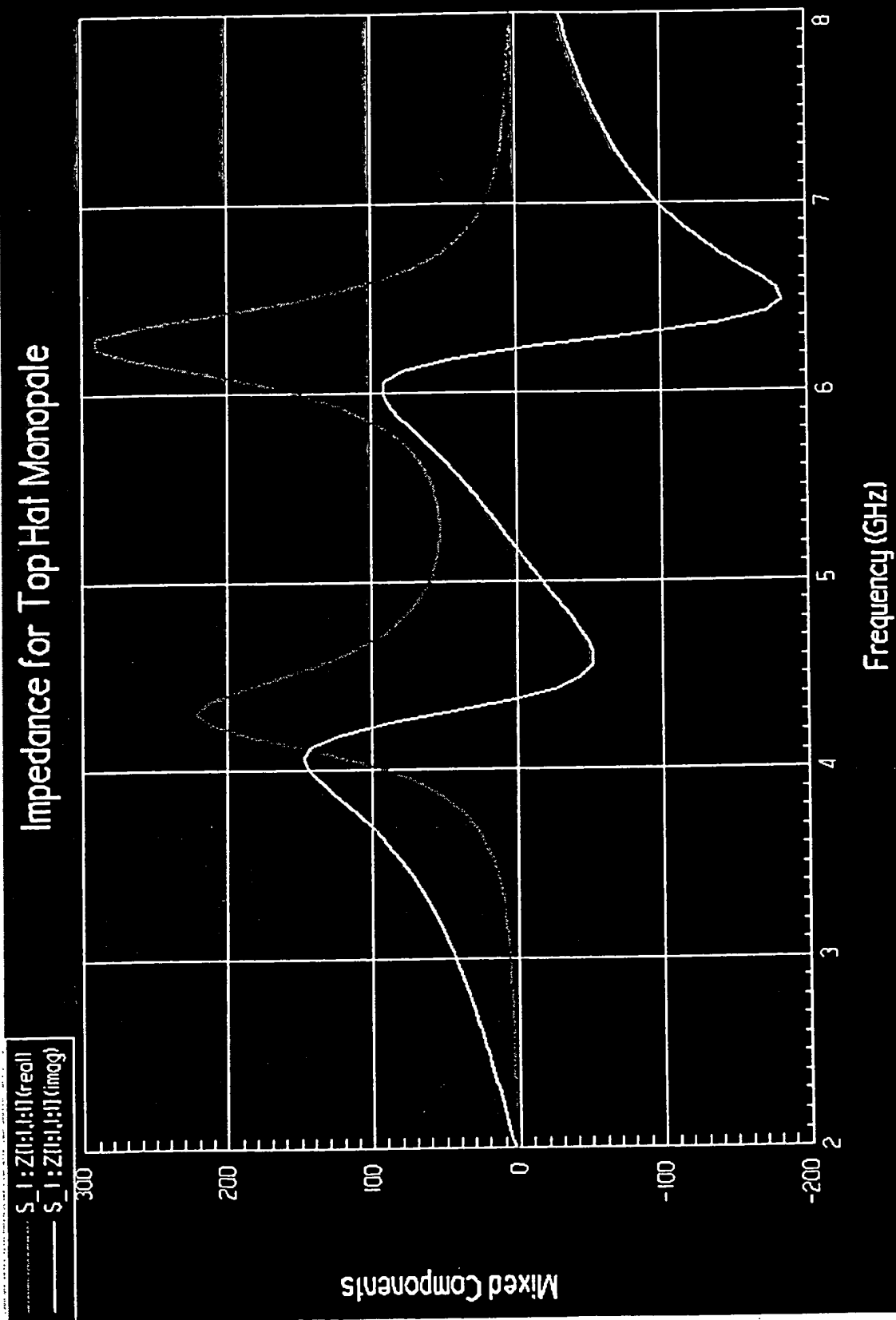


FIG. 34

Input Impedance

Impedance for Top Hat Monopole

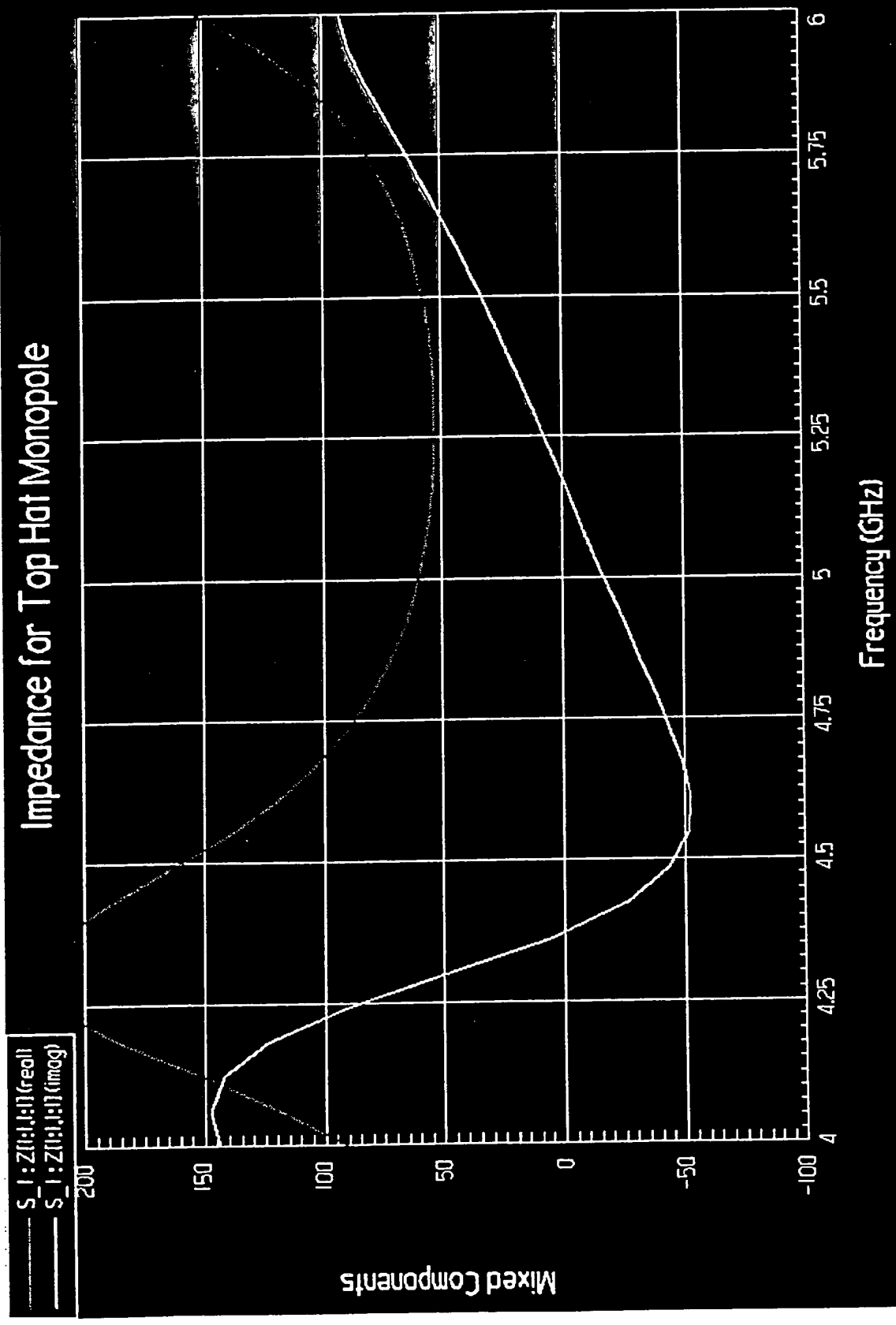


FIG. 35

50 ohm VSWR

VSWR for the Top Hat Monopole

S_{11} : S(1,1) (mag)

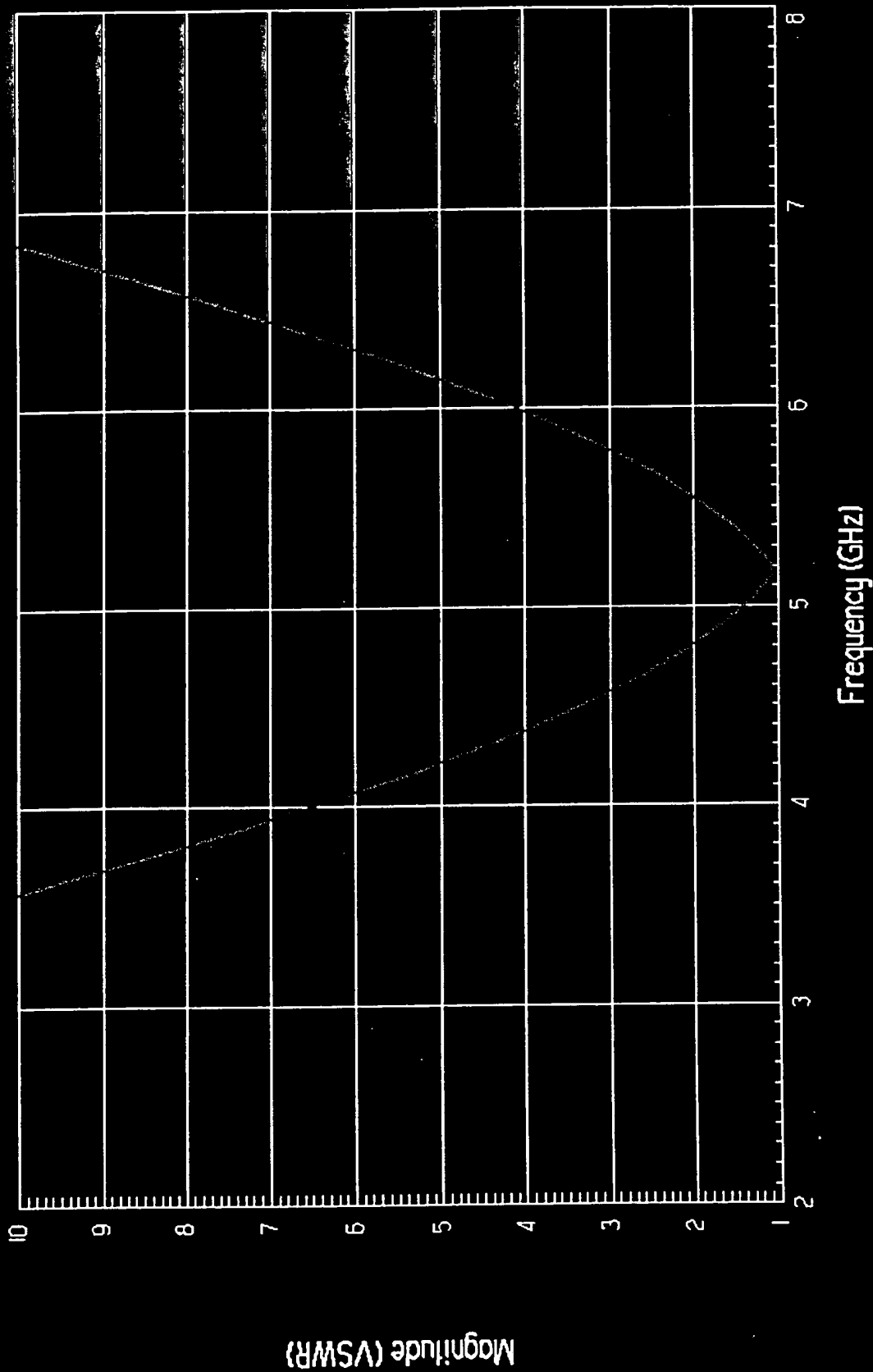


FIG. 36

50 ohm VSWR

S_{11} : S(1,1) (mag)

VSWR for the Top Hat Manopole

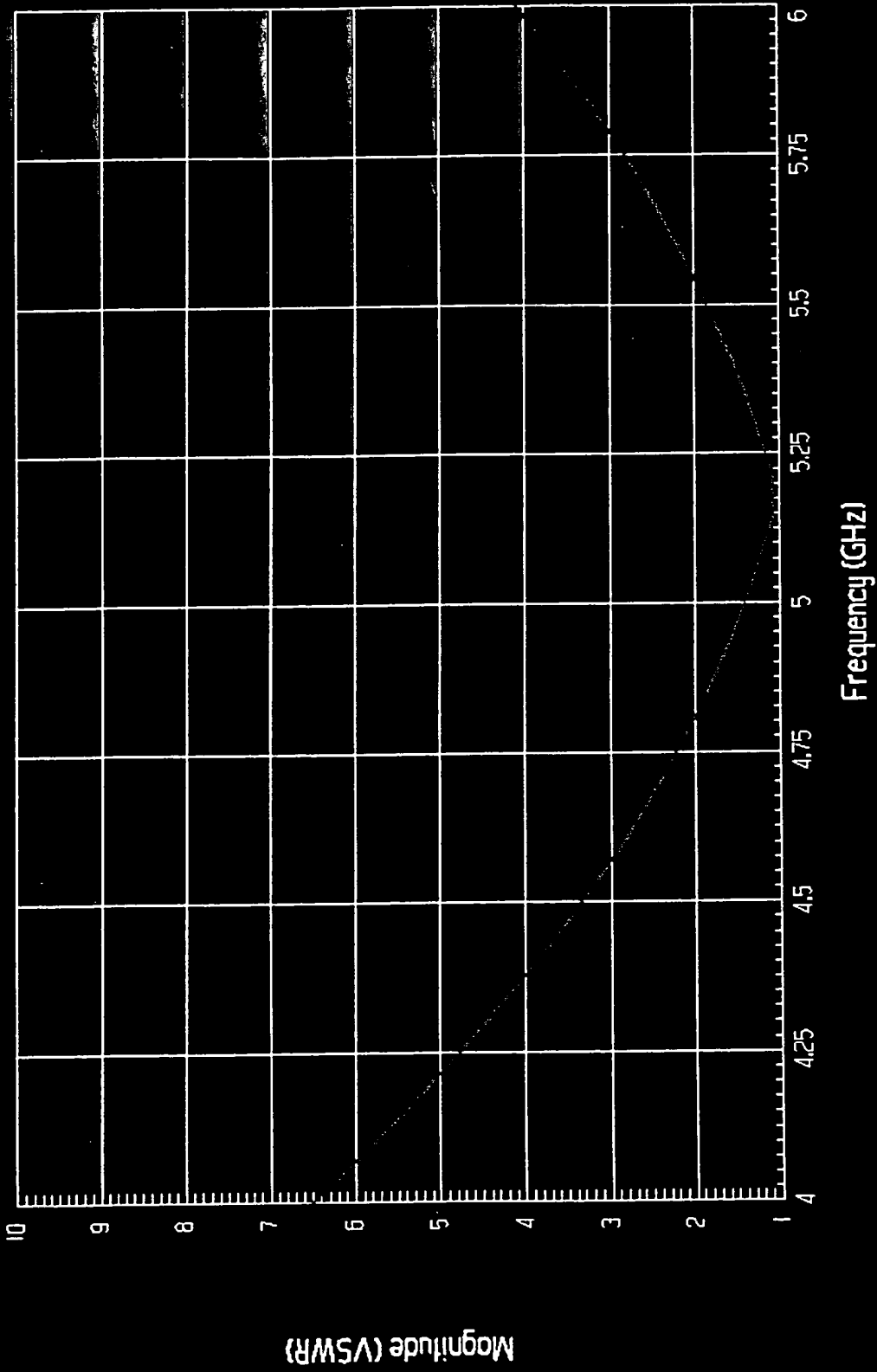


FIG. 37